

9. Jacinta

Program Name: Jacinta.java

Input File: jacinta.dat

Jacinta has a problem. She's your boss so that means you have a problem. She needs a program ASAP, and your job is on the line. Your program needs to take an array of integers and determine if the array can be partitioned into two separate subarrays that sum to the same value. These subarrays do not need to be contiguous, subarrays can be formed any way you want, but each element can only be in one of the two subarrays.

Input: The input will begin with one integer, n ($0 < n \leq 1000$), denoting the number of arrays to be checked. Each of the following n lines will contain an unspecified number of space-separated integers to be partitioned.

Output: For each test case, if the array can be partitioned into two parts that have equal sums, print the string "Job secured.". Otherwise, print "Indeed here I come.".

Sample input:

```
3
1 2 3 4 5 6
1 2 3 4 1 5 6
2 2 2 3 4 1 2
```

Sample output:

```
Indeed here I come.
Job secured.
Job secured.
```